wheel rotating state detection means for detecting a rotating state of said wheel;

a format change-over switch, and

data transmission means for transmitting information detected by each of said respective detection means as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed and to effect another transmission in a second format when said format change-over switch is depressed.

2. (TWICE AMENDED) A coordinate input device having a wheel that can be operated through rotation, comprising:

a plurality of rotating bodies disposed along a circumferential edge of said wheel and rotatable on said circumferential edge as an axis of rotation;

rotating body rotating state detection means for detecting a rotating state of said rotating bodies;

ball moving state detection means for detecting a moving state of a ball;

click switch operating state detection means for detecting an operating state of a click switch;

wheel rotating state detection means for detecting a rotating state of said wheel;

a format change-over switch; and

data transmission means for transmitting respective pieces of information detected by said respective detection means as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed and to effect another transmission in a second format when said format change-over switch is depressed.

3. (TWICE AMENDED) The coordinate input device as set forth in claim 1, wherein said coordinate input device has a left click switch as a first switch and a right click switch as a second switch, said coordinate input device further comprising:

a third switch disposed as a lower portion of said wheel;

a wheel support portion having a construction to support said wheel and to allow said wheel to slide and adapted to drive said third switch by depressing said wheel downwardly; and

third switch operating state detection means for detecting the operating state of said third switch.

4. (TWICE AMENDED) The coordinate input device as set forth in claim 3, wherein said wheel support portion further comprises a ratchet construction on a side of said wheel, and wherein

said wheel is adapted to fit in said ratchet construction.

5. (TWICE AMENDED) The coordinate input device as set forth in claim 1, wherein an inner wall at a center of said respective rotating bodies through which said circumferential edge is put has a locking construction, and wherein

said circumferential edge is adapted to fit in a second locking construction.

C2 cncl.

6. (TWICE AMENDED) The coordinate input device as set forth in claim 1, wherein said rotating body is of a cylindrical configuration.

7. (TWICE AMENDED) The coordinate input device as set forth in claim 1, wherein said rotating body is of a spherical configuration.

8. (TWICE AMENDED) The coordinate input device as set forth in claim 1, wherein a surface of said rotating bodies is covered with a slip preventive material.

9. (TWICE AMENDED) The coordinate input device as set forth in claim 1, wherein a recess is formed in a surface of said rotating bodies.

C3 Sub D1

10. (TWICE AMENDED) The coordinate input device as set forth in claim 1, wherein said coordinate input device further comprises:

ball moving state detection means for detecting a moving state of a ball; and

click switch operating state detection means for detecting an operating state of a click switch.

Sub D3

11. (TWICE AMENDED) A coordinate input device having a wheel that can be operated through rotation, comprising:

a plurality of rotating bodies disposed along a circumferential edge of said wheel and rotatable on said circumferential edge as an axis of rotation;

rotating body rotating state detection means for detecting a rotating state of said rotating bodies;

a wheel rotating state detection unit detecting a rotating state of said wheel;

a format change-over switch; and

a data transmission unit transmitting information detected by each of said respective detection units as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed and to effect another transmission in a second format when said format change-over switch is depressed.

C3 cont.

12. (TWICE AMENDED) A coordinate input device having a wheel that can be operated through rotation, comprising:

a plurality of rotating bodies disposed along a circumferential edge of said wheel and rotatable on said circumferential edge as an axis of rotation;

a rotating body rotating state detection unit detecting a rotating state of said rotating bodies;

a ball moving state detection unit detecting a moving state of a ball;

a click switch operating state detection unit detecting an operating state of a click switch;

a wheel rotating state detection unit detecting a rotating state of said wheel;

a format change-over switch; and

a data transmission unit transmitting respective pieces of information detected by said respective detection units as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed and to effect another transmission in a second format when said format change-over switch is depressed.

Sub F1

13. (TWICE AMENDED) The coordinate input device as set forth in claim 11, wherein said coordinate input device has a left click switch as a first switch and a right click switch as a second switch, said coordinate input device further comprising:

a third switch disposed as a lower portion of said wheel;

a wheel support portion to support said wheel and to allow said wheel to slide and adapted to drive said third switch by depressing said wheel downwardly; and

a third switch operating state detection unit detecting the operating state of said third switch.

14. (TWICE AMENDED) The coordinate input device as set forth in claim 13, wherein said wheel support portion further comprises a ratchet construction on a side of said wheel, and wherein said wheel is adapted to fit in said ratchet construction.

C3 concl.

15. (TWICE AMENDED) The coordinate input device as set forth in claim 11, wherein an inner wall at a center of said respective rotating bodies through which said circumferential edge is put has a locking construction, and wherein said circumferential edge is adapted to fit in a second locking construction.

16. (TWICE AMENDED) The coordinate input device as set forth in claim 11, wherein said rotating body is of a cylindrical configuration.

17. (TWICE AMENDED) The coordinate input device as set forth in claim 11, wherein said rotating body is of a spherical configuration.

Supp'l C4

20. (ONCE AMENDED) The coordinate input device as set forth in claim 11, wherein a surface of said rotating bodies is covered with a slip preventive material.

21. (ONCE AMENDED) The coordinate input device as set forth in claim 11, wherein a recess is formed in a surface of said rotating bodies.

REMARKS

In accordance with the foregoing, claims 1-17 and 20-21 have been amended.

No new matter is being presented, and approval and entry are respectfully requested.

Claims 1-17 and 20-21 are pending and under consideration.

Independent claims 1 has been amended herein to clarify that the coordinate input device includes wheel rotating state detection means. Independent claims 2 and 11, which correspond to prior claims 9 and 10, respectively, have been amended herein to clarify that the